

OBJECTIVES

Upon completion of this course, successful participants will be awarded a Diploma in IT (General) and will have the skills and knowledge to enable them to complete the Microsoft Certified Professional Developer (MCPD) qualification in Visual Studio 2008.

PRE-REQUISITES

Participants should have a working knowledge of MS Windows and MS Visual Basic or C# and be familiar with creating Web applications using MS Visual Studio and the .NET 2.0 framework. They should also have a working knowledge of MS Visual Basic and should have worked on a team throughout the software development life cycle.

NDA may offer pre-course familiarisation training in MS Visual Studio and .NET for applicants who lack these skills but meet the other pre-requisites.

DURATION

Approximately 18 months.

COURSE COST

The cost of this course is \$390. Ninety per cent of the full course fee of \$3,900 is funded by Skills Tasmania. Eligible participants need only pay the remaining \$390.

Completion of, and payment for, the Microsoft certification exams is the responsibility of course participants.

ELIGIBILITY

Anyone who is employed for at least one hour per week and who does not already have a Diploma in IT is eligible for funding. Eligible participants may work for either public or private organisations or be self-employed. Possession of a bachelor or higher degree in computing does not restrict eligibility.

COURSE DELIVERY

The course will be delivered through six classroom sessions, each with a duration of three days, 9.00am – 4.30 pm, at intervals of 2 – 3 months:

- Five classroom sessions will correspond to the five Microsoft exams that make up the MCPD.
- One classroom session will present project management material to meet the requirements of the Diploma.
- There will be a requirement to complete a unit in data privacy in the participant's own time.

COURSE LOCATION

The location of the classroom sessions will be NDA's premises in Launceston. If there is sufficient interest a second course may be offered at NDA's Hobart premises.

COURSE DATES

June 30 applications close – places offered

July 10 places accepted – reserve places offered

July 17 reserve places accepted

Aug 19 course induction

Session 1 Oct 6 – 8, 2009

Session 2 Dec 2 – 4

Session 3 Feb 3 – 5, 2010

Session 4 Apr 14 – 16

Session 5 Jun 2 – 4

Session 6 Aug 4 – 6

COURSE CONTENT

MCPD Component

The MCPD: Microsoft Visual Studio 2008 qualification is available in three streams. Each stream requires a common core examination, a prerequisite examination and a specialist examination making three in total. This is shown in the following table:

Stream	Core Examination	Prerequisite to Specialist Examination	Specialist Examination
Windows Developer 3.5	70-536	70-505	70-563
ASP.NET Developer 3.5	70-536	70-562	70-564
Enterprise Application Developer 3.5	70-536	70-505 OR 70-562 OR 70-561 OR 70-503	70-565

NDA will provide training in both the Windows Developer 3.5 and ASP.NET Developer 3.5 streams. This will prepare participants for the five certification examinations listed below:

- 70-536: TS: Microsoft .NET Framework – Application Development Foundation
- 70-505: TS: Microsoft .NET Framework 3.5, Windows Forms Application Development
- 70-562: TS: Microsoft .NET Framework 3.5, ASP.NET Application Development

- 70-563: PRO: Designing and Developing Windows Applications Using Microsoft .NET Framework 3.5
- 70-564: PRO: Designing and Developing ASP.NET Applications Using Microsoft .NET Framework 3.5

Participants can achieve either the MCPD: Windows Developer 3.5 or the MCPD: ASP.NET Developer 3.5 by passing the corresponding three exams. Alternatively, they can achieve both qualifications by passing all five.

Please review the following web site for more information:

<http://www.microsoft.com/learning/mcp/mcpd/vstudio/2008/default.msp>.

DIPLOMA IN IT COMPONENT

The Diploma of Information Technology (General) contains 21 individual units comprising six core units, nine specialist electives and six additional electives. Satisfactory completion of the material presented will enable NDA to award a Diploma in IT (General) through completion of the following units:

Specialist Core Stream - Software

ICAB4229B Apply intermediate programming skills in another language

ICAB5228B Maintain functionality of legacy code programs

ICAB5230B Maintain custom software

Specialist Core Stream - Multimedia and Websites

ICAA5141C Design and develop dynamic websites to meet technical requirements

ICAB5165B Create dynamic web pages

ICAB5180C Integrate database with a website

Specialist Core Stream - Database

ICAA5046B Model preferred system solutions

ICAA5049B Develop high-level object-oriented class specifications

ICAA5147B Determine suitability of database functionality and scalability

Six electives:

ICAT5079B Perform integration test

ICAS5102B Establish and maintain client user liaison

ICAA5054C Validate quality and completeness of system design specifications

ICAA5151B Gather data to identify business requirements

ICAB5223B Apply intermediate object-oriented language skills

ICAT5081B Perform systems test